

Title (en)

Method of inhibiting the corrosion of copper in aqueous systems.

Title (de)

Verfahren zur Inhibierung der Korrosion von Kupfer in wässrigen Systemen.

Title (fr)

Procédé pour l'inhibition de la corrosion du cuivre dans des systèmes aqueux.

Publication

EP 0258021 A1 19880302 (EN)

Application

EP 87307449 A 19870824

Priority

- CA 560323 A 19880302
- US 89911786 A 19860822

Abstract (en)

A method of providing a durable, corrosion inhibiting film on the surface of copper or copper-containing metal in contact with a dynamic, aggressive aqueous system having a pH substantially neutral to alkaline which comprises adding in a non-continuous manner a sufficient amount for the purpose of an alkyl benzotriazole having the formula: <CHEM> wherein R is a C3 to C6 linear alkyl, and permitting contact of the benzotriazole for a time sufficient to provide the film and thereafter discontinuing the feed of the benzotriazole and permitting any residual benzotriazole in the aqueous system to deplete.

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IPC 8 full level

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Citation (search report)

EP 0173427 A2 19860305 - BETZ EUROP INC [US]

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